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Long Eaton
Urban District Council.



ANNUAL REPORT
OF THE
Medical Officer of Health
WITH THAT OF THE
Sanitary Inspector.

For the Year
1948.





Annual Report

OF

The Medical Officer of Health

WITH THAT OF

The Sanitary Inspector

1948

LONG EATON :
HASSALL & LUCKING, LTD., PRINTERS CROSS STREET (TEL. 292).

Long Eaton Urban District Council.

PUBLIC HEALTH COMMITTEE

MR. COUNCILLOR A. H. STAPLES (Chairman)

The Chairman of the Council

MR. COUNCILLOR W. H. MARTIN

The Vice-Chairman of the Council

MR. COUNCILLOR F. G. SHIPLEY

MR. COUN. E. W. BANKS

„ „ W. E. CRISP

„ „ B. H. CUNNIFFE

„ „ L. T. DAVYS

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MR. COUN. J. T. MARTIN

„ „ M. S. M. SMITH

„ „ E. A. SPRIDGEON

„ „ G. E. STEVENSON

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Representatives on the Shardlow Joint Hospital Board :

MR. COUN. W. E. CRISP

„ „ J. R. DAVIS

MR. COUN. H. HAYWARD

„ „ E. W. ROPER

PUBLIC HEALTH STAFF

*Medical Officer of Health :**a b* JOHN MOIR, M.A., M.B., CH.B.

Mem. Royal San. Inst. Fellow Royal Inst. Public Health

Chief Sanitary Inspector and Cleansing Superintendent :

THOMAS WM. WALTON, M.R.S.I., A.M.Inst.P.C., M.S.I.A.

R.S.I. and S.I.E.J.B. Certificate.

Meat and Other Foods Inspectors Certificate, R.S.I.

Sanitary Science as Applied to Building and Public Works Certificate, R.S.I.

Testamur of the Institute of Public Cleansing.

Diploma in General Hygiene (Advanced with Honours) Inst. of Hygiene.

Certificates Building Construction and Builders' Quantities.

A.R.P.S. Instructor's Cert. First Class.

*Additional Sanitary Inspector :**b* C. WHITE, M.S.I.A.,

R.S.I. and S.I.E.J.B. Certificate

Clerks :

G. A. SMITH (Seconded to Ministry of Food).

MISS M. Y. POPPITT, Acting Senior Clerk.

P. CASSIDY, Junior Clerk.

Meadow Lane Smallpox Hospital :

Matron : MRS. E. E. JENNINGS.

a Part-time Appointment. *b* Salaries contributed to under Public Health Act

LONG EATON URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1948.

MR. CHAIRMAN AND GENTLEMEN,

I have much pleasure in presenting my 27th Annual Report for the year 1948.

Our greatest need consists of those things named homes ! The birth rate has fallen somewhat together with a slight increase in the death rate. The infant mortality is lower, this is a gratifying feature and is not entirely due to the result of the new National Health Service, although this will undoubtedly contribute to some further decrease in the future. The last case of Diphtheria we had was in 1947 and the strenuous efforts made to maintain the number of immunised children is fully justified by the results and there should be no excuse for diminishing these efforts.

Twenty-eight new cases of Tuberculosis were notified during the year and there were eleven deaths from that disease. It is a great pity that so many of these cases are unable to obtain treatment in Sanatoria through the shortage of nursing staff and it is to be hoped that some inducement will be made in order to encourage young

women to enrol as probationers. I am very grateful to the members of the Council for supporting me in our scheme for allocating a certain number of houses for families in which one member is a sufferer and requires a separate bedroom and air space.

Reverting to housing we have completed up to date 278 houses, not including 52 prefabricated houses, and there are still 30 houses to be completed on the present scheme, making a total of 308. The Council is embarking on a scheme for the building of 40 and in the not too far distant future another 90. Even then when one considers that there are 963 sub-tenants and 520 tenants who wish to move for various reasons, *e.g.*, congestion and limited accommodation and a change from old houses, there is still a long way to go before one can see a house to let. Many young people are getting married with little or no hope of obtaining a house for years and it has been written about time and again and ventilated in the Courts how their prospects of marital happiness are endangered through living with parents and in unsatisfactory lodgings.

It is too, a matter of great concern that these wretched huts which were commandeered through force of circumstances should still be inhabited and that young couples are bringing up children in wretched conditions threatening their whole future outlook. It is to be hoped that these "campers" might be afforded some priority, however slight, in obtaining a new house in order to compensate them for their long suffering and endurance. I am well aware of all the difficulties which arise in giving this question consideration, nevertheless it cannot be gainsaid that the menace to the children's future as decent citizens is there.

We still have not succeeded in having a Maternity Home. Hope smiled on us for a short while and then frowned, we are now as far away from the possibility of such an acquisition as ever.

There has been an extension of the water supply to Trent Lock which brings up other possibilities. In the township of Long Eaton and for miles around the most attractive feature is the river at Trent Lock. I am sure that something might be done to improve the approach to this beauty spot where literally thousands spend many a holiday enjoying the swimming, the canoeing, the rowing and the sailing and pleasure trips. All the amenities are there, even good

beer. It is a long, dusty trail from the main road to the river with a pram and toddlers and a longer trail homewards. If the road were to be improved, a frequent bus service could solve lots of the difficulties, *e.g.*, instead of that mosquito infested hole overgrown with rank vegetation I have hopes of seeing a nice boating lake for the little ones with an artistic bridge over it leading to the river bank and perhaps a small treasure island in the middle for the children to explore and where the overflow from the cut runs into this pond a beautiful waterfall could be constructed. But I am sure a select sub-committee would find plenty of scope for their genius because our West Park is outstanding in its beauty and the pleasure it gives to the town, so it would be a pity to see Trent Lock turned into a showground, which it is doubtless in danger of becoming.

One of the greatest needs of the community is a hostel or hotel or whatever you like to call it for old and lonely people. We are having a steadily increasing aged portion of the population and many of them are frail and enfeebled and occupy a whole house which they are unable to maintain. Many of them are even unable to look after themselves or cater for themselves as they should. A pleasant building conforming to the general architecture of the new Housing Estates would be of great benefit to them where they might have meals prepared for them and nursing supervision in the case of illness.*

I am, gentlemen,

Your obedient servant,

JOHN MOIR,

Medical Officer of Health

JULY, 1949

* Since writing a similar scheme has been mooted by the County Council.

STATISTICAL SUMMARY AND SOCIAL CONDITIONS FOR 1948.

Area—Land 3,425·955 acres)				
Water 131·045 acres	)	..	..	..	3557 acres
Elevation of District	..	..	..	..	..89—147 O.D.
Population (Census, 1931)	..	..	..	..	22,340
Population, 1948 (Registrar General)	..	..	..	..	28,400
Density of Population per acre	..	..	..	..	7·98
Number of Inhabited Houses, 1948	..	..	..	..	8,449
Rateable Value, Year ended 31st March, 1949	..	..	..	..	£174,780
Approx. sum represented by a Penny Rate	..	..	..	..	£677 18 8
Rates levied—General	..	..	..	..	..15/- in the £

SOCIAL CONDITIONS

Births	{ Legitimate	..	266 M.,	255 F. =	521)	
	{ Illegitimate	..	19 M.,	16 F. =	35	)	556
Birth Rate	..	..	..	..	..	..	19·57
Still Births	{ Legitimate	..	5 M.,	5 F. =	10)	
	{ Illegitimate	..	0 M.,	1 F. =	1	)	11
Deaths (155 M., 159 F.)	..	..	..	..	..	..	314
Death Rate	..	..	..	..	..	..	11·05
Number of women dying in, or in consequence of, childbirth				From Sepsis	..		Nil
				From other causes	..		Nil
Deaths of Infants under 1 year of age, per 1000 Live births :							
Legitimate	..	15 M.,	10 F.	} Total 25		Rate 45·87	
Illegitimate	..	0 M.,	0 F.				

TABLE I.

INFANTILE MORTALITY DURING THE YEAR, 1948.

Causes of Death	Under 1 week	1 to 2 weeks	2-3 weeks	3-4 weeks	Total under 4 wks.	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under 1 year
Prematurity	7	—	—	—	7	—	—	—	—	7
Gastro Enteritis ..	—	—	—	—	—	3	1	—	—	4
Congenital Kidney Disease	—	—	—	—	—	1	—	—	—	1
Marasmus	—	—	—	—	—	—	2	—	—	2
Toxæmia	—	—	—	—	—	1	1	—	—	2
Streptococcal Meningitis	—	—	—	—	—	—	1	—	—	1
Bronchial Pneumonia	—	—	1	—	1	—	—	1	—	2
Intracranial Hæmorrhage	1	—	—	—	1	—	—	—	—	1
Atelectasis	2	—	—	—	2	—	—	—	—	2
Acute Bronchitis ..	—	—	—	—	—	1	—	—	—	1
Asphyxia	—	—	—	—	—	—	—	—	2	2
Totals ..	10	—	1	—	11	6	5	1	2	25

TRANSFERABLE DEATHS, 1948

	M.	F.	TOTAL
Shardlow Public Assistance Hospital	11	6	17
Belper Public Assistance Hospital	2	3	5
Nottingham General Hospital	20	10	30
Nottingham Children's Hospital	—	3	3
Nottingham Women's Hospital	—	1	1
Nottingham City Hospital	1	2	3
Derbyshire Royal Infirmary	4	4	8
Derby Women's Hospital	2	2	4
Derby City Hospital	1	1	2
Derby County Mental Hospital	—	1	1
Nightingale Maternity Home, Derby	1	1	2
Hospital for Sick Children, Derby	5	2	7
Draycott Isolation Hospital	—	2	2
Various Towns	7	6	13
	54	44	98

3.—NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1948.

TABLE II.

Notifiable Disease.	At all ages.	Number of Cases Notified.											Cases admitted Hospital			
		Under 15		At all Ages—Years.							Age un-65 up'd known					
		1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35		35-45		45-65		
Small-pox ..	Nil															
Scarlet Fever ..	95	2	6	8	11	52	13	2	1							89
Diphtheria ..	Nil															
Typhoid ..	Nil															
Puerperal Pyrexia ..	Nil															
Pneumonia ..	24	1		1	3	1	1		3	6	5	3				
Erysipelas ..	7								1	1	4	1				1
Dysentery ..	Nil															
Encephalitis Lethargica	Nil															
Ophthalmia Neonatorum	Nil															
Anterior Poliomyelitis	Nil															
Polioencephalitis ..	Nil															
Cerebro Spinal Fever ..	Nil															
Malaria ..	Nil															
Whooping Cough ..	79	9	12	10	12	11	19		1					5		
Measles ..	210	9	27	28	19	35	81	4	3	1				3		1
Other Diseases notifiable locally :—																
Chicken-pox ..	178	6	7	9	15	13	105	9	4	2	2			6		
Totals ..	593	24	49	53	55	73	258	27	6	11	10	9	4	14		91
Deaths																
Pneumonia—17																

TUBERCULOSIS.

Number of Cases on Register, January, 1948	..	..	276
„ „ notified during 1948	..	..	28
„ „ removed from Register	(Recovered 1)		
	Deaths 11		18
	(Left District 6)		
„ „ on Register, December 31st, 1948	..		286

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year								
1 and under 5								1
5 „ 10		1		1				
10 „ 15		1	1	1				
15 „ 20	1							
20 „ 25	1	2				1		
25 „ 35	2	6			1			
35 „ 45	3	2				1		
45 „ 55	2				4			
55 „ 65	2	1	1		1	1		
65 and upward					1			
Totals ..	11	13	2	2	7	3	—	1

Sixteen Pulmonary cases received Sanatorium treatment in the Derbyshire Sanatorium.

Two non-Pulmonary cases also received treatment at the Bretby Orthopaedic Hospital.

Twenty-eight specimens of Sputum were submitted to the County Laboratory for Bacteriological examination. Four results proved positive and twenty-four negative.

DIPHTHERIA IMMUNISATION

After the 5th July, 1948, this became the responsibility of the Derbyshire County Council, but I deemed it essential to continue the working of the Clinic at Cranmer Street for this purpose in order that there would be no falling off in the figures. Also that the opportunity available for mothers might be continued to enable them to bring their babies to a Clinic in the afternoon which is the most suitable time and so avoiding the necessity of taking babies to crowded surgeries which naturally do not provide the best atmosphere for a young infant. I approached all the doctors in the town and they all very generously co-operated in the working of the Clinic and a rota has been formed and the good work goes on in the afternoons of the first and third Thursdays in the month. The figures, though they might be better, are satisfactory in so far as there has been no case of Diphtheria in the town since 1947.

43.17% of the children under five years of age and 62.79% of those between five and fifteen had received a complete course of Immunisation at 31st December, 1948. This gives a percentage of 55.15 of the total child population.

LABORATORY

The total number of specimens from Long Eaton examined at the County Laboratory is given below :—

	Positive	Negative	Total
Diphtheria	—	13	13
Vincent's Angina	1	12	13
Haemolytic Streptococci	6	7	13
Sputa for Tubercle Bacilli	4	24	28
* Water	5	26	31
Milk :—			
* Methylene Blue, Routine Samples ..	14	35	49
* Bacterial Count, Routine Samples ..	—	1	1
* Phosphatase Test, Routine Samples ..	4	9	13
* Methylene Blue, Heat Treatment Scheme	2	63	65
* Phosphatase Test, Heat Treatment Scheme	4	64	68
Tubercle Bacilli, Inoculation Test, Routine Samples	3	29	32
Miscellaneous	25	107	132
TOTALS ..	68	390	458

* Positive—Unsatisfactory.

Negative Satisfactory.

WATER SUPPLY.

Your Surveyor and Engineer has kindly supplied the following information relating to Water Supply and Rain Fall:

Gallons pumped at Stanton-by-Bridge Pumping Station, Jan. 1st to Dec. 31st, 1948	..	89,598,800
Gallons obtained from Nottingham Corporation Jan. 1st to Dec. 31st, 1948	..	433,000
Supplied from the Derwent Valley Water Board, Jan. 1st to Dec. 31st, 1948	.. ..	228,085,800
Total for the District	..	318,117,600

A four-inch main has been laid from Reedman Road to Trent Lock and the majority of the houses, etc., have been connected.

A four-inch main laid on the new Wilsthorpe Road Housing Scheme.

The main in Meadow Lane has been extended to supply the new Farm and houses erected by the Long Eaton Co-operative Society.

The water supply has been perfectly satisfactory both in quality and quantity.

The water is tested at our works several times a day and monthly by the County Analyst. It is tested both bacteriologically and chemically.

Our own water is not liable to plumbo-solvency, and if the Derwent water is found to be affected, this is dealt with at the source.

Water chlorinated at source.

Practically all the houses in the district are provided with water, in a very few cases by standpipe.

RAIN FALL.

	1944	1945	1946	1947	1948
The Rain Fall (Stanton-by-Bridge Pumping Station)	25·38	22·93	29·65	23·59	29·67
The Rain Fall (Town Hall, Long Eaton)	.. 26·28	23·08	27·48	20·76	25·36

HOUSING.

No. of New Houses erected during the year.

(i) By the Local Authority	227
(ii) By other Local Authorities	Nil
(iii) By other bodies or persons	47

1. Inspection of Dwelling-houses during the Year.

(1)	(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	821
	(b) Number of inspections made for the purpose	2611
(2)	(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	—
	(b) Number of inspections made for the purpose	—
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	219

2. Remedy of Defects during the Year without Service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	198
---	-----

3. Action under Statutory Powers during the Year.

- (A) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :—

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs ..	11
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a)	By Owners	14
(b)	By Local Authorities in default of Owners	—
(B) Proceedings under Public Health Acts :—		
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	35
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a)	By Owners	23
(b)	By Local Authority in default of Owners	1
(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—		
(1)	Number of dwelling-houses in respect of which Demolition Orders were made	0
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	0
(3)	Number of houses demolished in anticipation of formal procedure under the Housing Act, 1936	0
(D) Proceedings under Section 12 of the Housing Act, 1936 :—		
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0
(3)	Number of houses closed in anticipation of formal procedure under the Housing Acts	0

FACTORIES ACT, 1937

PART I OF THE ACT

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Inspection (4)	Number of Written notices (5)	Occupiers prosecuted (6)	M/c line No. (7)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	25	66	7		1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	205	123	30		2
(iii) Other Premises in which Section 7 is enforced by the Local Authority * (excluding out-workers' premises) ..	3					3
TOTAL ..		230	189	37		

2. CASES IN WHICH DEFECTS WERE FOUND

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases.").

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	Referred To H.M. Inspector (5)	Referred By H.M. Inspector (6)		
Want of cleanliness (S.1) ..	4	11	9		2		4
Overcrowding (S.2)	5						5
Unreasonable temperature (S.3)	6						6
Inadequate ventilation (S.4) ..	7						7
Ineffective drainage of floors (S.6)	8						8
Sanitary conveniences (S.7) :—							
(a) insufficient ..	9	2	1	1			9
(b) Unsuitable or defective	10	17	11		6		10
(c) Not separate for sexes	11						11
Other offences against the act (not including offences relating to Outwork)	12	7	5				12
TOTAL ..	60	37	26	1	8		60

PART VIII OF THE ACT

OUTWORK

(Sections 110 and 111)

Nature of Work (1)	M/c line No. (2)	Section 110			Section 111		M/c line No. (9)
		No. of out- workers in August list required by Sect. 110 (c) (3)	No. of cases of default in sending lists to the Council (4)	No. of prosecu- tions for failure to supply lists (5)	No. of instances of work in unwhole- some premises (6)	Notices served (7)	Prosecu- tions (8)
Wearing apparel: making, etc.	13	31					13
Household linen ..	15	1					15
Lace, lace curtains & nets	16	8					16
Textile Weaving ..	43	14					43
TOTAL ..	70	54					70

REPORT OF THE SANITARY INSPECTOR FOR 1948

TO THE CHAIRMAN AND MEMBERS OF THE LONG EATON URBAN DISTRICT COUNCIL.

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to present my fifth Annual Report as Sanitary Inspector.

Housing

Towards the end of the year the responsibility for the work in connection with House Letting was transferred to me and the Postal Survey undertaken at the request of the Ministry of Health shows the following :—

Forms sent out	2294	
Forms returned marked not known or left . .	84	
Forms returned marked house not required	92	
	<hr/>	
	176	
Forms not returned	705	
	<hr/>	
	881	881
Sub-tenants requiring houses	911	
Tenants requiring houses	502	
	<hr/>	
	1413	1413

Since the date of the survey 131 new applications have been received (106 from sub-tenants and 25 from tenants).

The speedy erection of houses to enable every family to have a home of its own is a dire necessity and is essential to the health and happiness of young couples who are sub-tenants and people who have been good enough to share their homes with those less fortunate.

Public Conveniences

The care of the Public Conveniences was transferred to this Department and new conveniences were opened at New Sawley.

Conversion of Trough Closets

Progress has been maintained and at the time of writing only 43 remain.

Salvage

During the year the record sum of £3,332 12s. 6d. has been earned by our salvage activities.

291 tons of waste paper were sold, being 17 cwts. per 1,000 population per month.

The "Dick Barton" Waste Paper Drive held from the 12th to 17th July proved to be a great success, over 11½ tons of paper consisting mainly of magazines and newspapers were collected.

No doubt this is the last year in which we shall have a big income from salvage.

Mechanical Equipment

The purchase of the Mechanical Equipment has proved to be a successful venture. Work has been done from which we have derived an income of £1,037 9s. 11d., and in this work we have carried out the completion of the removal of the 1937-39 tip which was going to cost at least £2,800. It may be remembered that approximately half of the tip was moved by the Long Eaton Co-operative Society and they paid us £25 for the privilege of moving the stuff.

Work carried out in addition to general use for refuse disposal.		Income	
		£	s. d.
Half work carried out of removal of tip (contract price of which was £2,800) together with flood prevention work in heightening tip to form part of flood bank ..		681	9 4
Work carried out for Surveyor's Department		78	12 6
Air Raid Shelter Rubble removed		41	14 4
Work carried out for Long Eaton Co-operative Society		235	13 9
		<hr/> £1,037 9 11 <hr/>	

		Expenditure	
		£	s. d.
The total cost of running, maintenance and wages for the Mechanical Equipment :—			
Period ending 31.3.48		129	19 9½
1.4.48—31.3.49		413	6 2½
		<hr/> £543 6 0 <hr/>	

and we still have a machine worth nearly as much if not more than we paid for it.

Again I wish to record my appreciation of the work of the staff and thank the Members of the Council and Officials for their assistance.

I am, gentlemen,

Your obedient servant,

THOMAS W. WALTON,
Sanitary Inspector.

INFECTIOUS DISEASE AND DISINFECTION.

Number of visits to premises re cases of infectious disease and disinfection	242
Number of School Notices to Day Schools	88
„ „ „ County M.O.H.	88
Notices to Libraries	52
Number of rooms disinfected after infectious disease ..	121
„ premises disinfested for vermin ..	8
„ articles of bedding and other articles disinfected by steam	191
„ instances in which bedding, etc., has been destroyed upon request after disease, etc.	24
„ Library Books disinfected after infectious disease ..	88
Disinfectant supplied to Education Authorities	13 galls.

MEADOW LANE ISOLATION HOSPITAL (SMALLPOX).

No cases were admitted during the year.

FOOD AND DRUGS ACT, 1938

The administration of the above Act is carried out by the Derbyshire County Council.

Mr. W. R. Sutton, F.R.I.C., County Analyst, has kindly supplied the following information :—

40 samples were taken under the above Act during the year. Of these, 14 were milk samples and the remaining 26 other foods and drugs.

One sample of Milk was deficient in fat and the vendor was cautioned.

Proceedings were taken against the suppliers of three samples of Gin and Orange which were found to be deficient in proof spirit. The case was dismissed under the Probation of Offenders Act on payment of 4s. costs.

The remaining samples were all classed as satisfactory.

MILK (SPECIAL DESIGNATIONS) ORDER, 1936-1948

The following annual Licences were granted under the above Order. Description of Licences :

Dealer's Licence to sell milk as "Tuberculin Tested" ..	3
Pasteuriser's Licences	2
Supplementary Licence to sell milk as "Accredited" ..	1

THE BACTERIOLOGICAL EXAMINATION OF MILK.

One hundred and seven samples of milk were submitted to the Derbyshire County Council's Laboratory for examination during the year.

These included 49 samples of milk which were pasteurised within the area.

The results of the examination of all the samples are shown in the table below :—

MILK PRODUCED IN LONG EATON.

No. of Samples	METHYLENE BLUE		TUBERCLE BACILLI	
	Satis.	Unsatis.	Positive	Negative
24	14	10	2	19

MILK PRODUCED OUTSIDE THE URBAN DISTRICT

12	8	4	1	9
----	---	---	---	---

MILK PASTEURISED IN LONG EATON

No. of Samples	METHYLENE BLUE		PHOSPHATASE TEST	
	Satis.	Unsatis.	Satis.	Unsatis.
49	47	—	48	1

MILK HEAT TREATED IN LONG EATON.

20	17	2	17	3
----	----	---	----	---

The Methylene Blue Test could not be carried out in three instances owing to the shade temperature exceeding 65°F.

HEAT TREATED MILK PRODUCED OUTSIDE THE URBAN DISTRICT

No. of Samples	METHYLENE BLUE		PHOSPHATASE TEST	
	Satis.	Unsatis.	Satis.	Unsatis.
2	2	—	1	—

The County Medical Officer was notified with regard to the tuberculous samples and as a result six cows were found to be affected with tuberculosis and were slaughtered under the Tuberculosis Order, 1938.

In one instance the Guinea Pig died too soon for definite results to be obtained.

COWSHEDS AND DAIRIES.

Cowkeepers registered	..	.	.	12
Cowsheds	..	..	..	28
Inspections	..	..	..	151
Informal Notices	..	..	..	35
Limewashing and cleansing	..	..	..	29
Cowsheds re-conditioned	..	.	..	—

At 31st December, 1948, there were eight producers of Accredited Milk in the Urban District.

FOOD STORES AND MARKETS

The following unsound food was surrendered from these premises :—

Canned Meat	..	..	..	123 tins
„ Fish	..	..	..	152 „
„ Milk	..	..	..	219 „
„ Veg., Fruit and Jam	..	..	..	522 „
„ Fruit Juice	..	..	..	37 „
„ Soup	..	..	..	25 „
Fish	..	..	..	93 $\frac{3}{4}$ stones
Skate Wings	..	..	..	5 „
Maws	..	..	..	274 lbs.
Chitterlings	..	..	..	498 „
Bacon	..	..	..	20 „
Pig Stomachs	..	..	..	10 cwts.
Fluid Beef	..	..	..	4 jars
Chappie	..	..	..	1 tin
Peas	..	..	..	308 lbs.
Bread	..	..	..	91 stones
Sponge Mixture	..	..	..	40 packets
Cake Powder	..	..	..	28 lbs.
Sweetphat	..	..	..	4 packets
Dried Egg	..	..	..	2 „
Cheese	..	..	..	73 $\frac{1}{2}$ lbs.
Sugar	..	..	..	1 lb.

Syrup	1 tin
Dates	15 boxes
Cherries	1 jar
Plums	2 jars
Sweets	7 lbs.
Pickles	145 jars

BAKEHOUSES

Number on Register	..	..	..	13
Number of Inspections	..	..	..	46
Informal Notices served	..	..	..	8
Nuisances abated	..	..	..	5

WATERCOURSES

Watercourses in the town received attention only when urgent defects arose, owing to lack of labour.

INSPECTION OF CANAL BOATS.

Number of Boats inspected during 1948..	..	..	..	6
„ „ conforming to the Acts and Regulations	..	..	..	6
„ „ infringing the Acts and Regulations	..	..	..	—
Total number for which the cabins were registered	..	..	..	21
„ „ occupying the cabins	..	..	..	8
Details of occupants :—				
Male adults	..	..	..	7
Female adults	..	..	..	1

PETROLEUM ACTS.

Number of Premises licensed for the storage of Petroleum and inflammable mixtures :

	January, 1948	..	34
	December, 1948	..	35
„ „ „ Carbide of Calcium			2
Total storage capacity for Petrol is			29,660 galls.
„ „ Carbide	..	..	30cwts 28lbs

The total amount received from Petroleum and Carbide Licenses during the year was £21 10s. 0d.

RATS AND MICE (DESTRUCTION), ACT, 1919.

Number of Inspections 132

The following is a summary of the premises :—

Bakery	..	..	..	1
Dwelling-houses	..	..	..	44
Factory	..	..	..	1
Piggery	..	..	..	1
Public Houses	..	..	..	2
Refuse Tip	..	..	..	1
School	..	..	..	1
Shop	..	..	..	1

Treatment of Sewers

The systematic treatment of sewers was continued.

The sewers were pre-baited for two days and poison bait laid on the third day, sausage rusk and $2\frac{1}{2}\%$ zine phosphide being used.

According to the Ministry of Food's formula, the treatment produced a kill of 117 rats.

The treatment was carried out by Mr. Jennings and one man.

COMPLAINTS.

Number of Complaints received	527
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Summary of Complaints.

Housing defects	177
Defective and choked drainage	106
Prevalence of Rats and Mice	..	..	..	..	..	..	52
Defective W.C.'s	..	..	..	..	..	..	26
Dust-bins	..	..	..	..	..	..	43
Burst water pipes	..	..	..	..	..	..	29
Yard paving	..	..	..	..	..	..	10
Miscellaneous	..	..	..	..	..	..	110

SANITARY INSPECTION OF THE AREA.

Particulars of Visits and Inspections are as follows :—

Bakehouses	..	..	..	..	..	..	46
Canal Boats	..	..	..	..	..	..	6
Caravans	..	..	..	..	..	..	24
Cowsheds	..	..	..	..	..	..	50
Dairies and Milkshops	..	..	..	..	..	..	101
Defective and choked drainage	..	..	..	..	..	..	112
Factories and Workshops	..	..	..	..	..	..	143
Food Stores and Shops	..	..	..	..	..	..	97
Fried Fish Shops	..	..	..	..	..	..	32
Housing Act	..	..	..	..	..	..	2611
Housing Applications	..	..	..	..	..	..	585
Ice Cream Premises	..	..	..	..	..	..	41
Infectious Disease	..	..	..	..	..	..	242
Market Stalls	..	..	..	..	..	..	240
Overcrowding	..	..	..	..	..	..	22
Petroleum Stores	..	..	..	..	..	..	10
Provision of new sanitary dust-bins	..	..	..	..	..	..	414
Rats and Mice (Destruction) Act	..	..	..	..	..	..	132
Refuse Collection	..	..	..	..	..	..	870
Refuse Disposal	..	..	..	..	..	..	191
Restaurants	..	..	..	..	..	..	25

Slaughterhouses	..	..	..	..	..	..	5
Smoke Observations	..	..	..	..	..	..	15
Stables and Piggeries	..	..	..	..	..	..	56
Verminous Premises	..	..	..	..	..	..	34
Watercourses	..	..	..	..	..	..	2
Water Supply	..	..	..	..	..	..	10
Miscellaneous	..	..	..	..	..	..	646

LETTERS AND NOTICES ISSUED, ETC.

Number of Letters and Informal Notices	787
„ Statutory Notices served	42

SANITARY WORK CARRIED OUT.

Interior of Houses.

Dirty houses improved and cleansed by tenants	..	7
Floors of houses re-laid or repaired	..	58
Walls and Ceilings repaired	..	37
Windows and Doors repaired	..	59
Fire-ranges repaired or renewed	..	37
Dampness remedied	..	36
Coppers repaired or renewed	..	11
Burst water pipes repaired	..	8
Verminous houses dealt with	..	8

Exterior of Houses.

Defective eavesgutters and downspouts repaired	25
Defective Roofs repaired	33

Yards and Outbuildings.

Yards and passages re-paved or repaired	23
Outbuildings repaired	14
Yards cleansed and offensive accumulations removed ..	4

Drainage.

Drains cleansed from obstruction	78
Defective drains repaired	11
Sinkwaste pipes provided or repaired	12
Inspection chambers repaired or provided with new air-tight covers	14
Glazed sinks provided	2

Water Closets.

Additional W.C.'s provided	1
Trough closets converted to W.C.'s.. .. .	27
Dirty W.C.'s cleansed	11
Water Closets cleansed or repaired	24
„ „ provided with new basins and traps ..	20
Defective water supply to W.C.'s remedied	48

Dust Bins.

Houses provided with new sanitary dust bins	271
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Various.

Nuisances from burning of refuse	2
Nuisances from improper keeping of animals	7
Accumulations of manure and refuse removed	6
Samples of water submitted to the County Analyst for Chemical examination	—
Cases of overcrowding dealt with	—
Smoke nuisances dealt with from factory chimneys ..	3
Miscellaneous nuisances dealt with	39

CONVERSION OF TROUGH CLOSETS

A table is submitted showing progress made with the conversion of trough closets.

Factory	No. of Trough Closets 1945	No. abolished and W.C.'s substituted	No. remaining April, 1949	Remarks
A	7	7	—	—
B	3	3	—	—
C	12	12	—	—
D	33	17	16	—
E	16	8	8	—
F	23	17	6	—
G	22	17	5	Building Licence refused
H	8	8	—	—
I	4	—	4	Alterations pending — other W.C.'s available
J	9	9	—	—
K	11	11	—	—
L	3	3	—	—
M	4	—	4	—
N	3	3	—	—
O	4	4	—	—
School	16	16	—	—

PUBLIC CLEANSING SERVICE

During the year ending 31st March, 1949, the sale of Soil realised £12 3s. 0d.; the charges for tipping, £38 10s. 6d.; the removal of trade refuse, £121 3s. 0d.; and the value of materials salvaged (as shown in table below) was £3,332 12s. 6d.

The Cleansing Department also disposes of refuse free of cost from the Markets, Cemetery and other Departments of the Council. No less than 479 loads from these sources were dealt with.

The number of premises from which regular collection of refuse was made was 8,931.

During the year 92 sanitary dustbins were supplied to replace bins which became unfit for use. £106 8s. 9d. was received from the sale of the bins.

By arrangement with the Beeston and Stapleford U.D.C., your Council collects and disposes of refuse from 15 houses in that district at an annual charge of £9 7s. 6d.

The Shardlow R.D.C. collect nightsoil and house refuse from two cottages and a house near Sandiacre Lock and a Bungalow, Longmoor Road, at a cost of £1 per house, per annum.

The following table shows the quantity of salvage collected and is in accordance with the monthly returns made to the Ministry of Supply :—

MATERIALS	WEIGHT			AMOUNT		
	Tons	cwts.	lbs.	£	s.	d.
Waste Paper (all kinds) ..	291	10	80	2094	6	2
Textiles	26	11	111	358	4	8
Bones		12	0	3	8	11
Raw Kitchen Waste ..	170	11	56	255	17	3
Ferrous Metals	—	—	—	—	—	—
Non-ferrous Metals ..		14	56	21	15	0
Bottles and Jars	34	12	0	340	17	11
Miscellaneous	1	19	0	33	14	9
	526	11	79	£3108	4	8
Bonus earned for :—						
Waste Paper				75	2	9
Kitchen Waste				149	5	1
Totals ..	526	11	79	£3332	12	6

Concentrated Kitchen Waste

Amount sold April, 1948—March, 1949, 110 tons 12 cwts.

This was purchased from Nottingham Corporation at a cost of £466 10s. 0d. and the amount received from the sale was £540 10s. 9d.

THE TOTAL COST OF COLLECTION AND DISPOSAL OF HOUSE AND TRADE REFUSE
(including Cesspools) for the Year ending 31st March, 1949.

	House and Trade Refuse		Salvage	Kitchen Waste		Nightsoil and Cesspools		Total
	Collection	Disposal		£ s. d.	£ s. d.	£ s. d.	£ s. d.	
Wages (excl. Drivers)	2612 1 9	764 15 0	1069 4 7	198 18 0	44 9 8	4689 9 0		
Holiday and Sick Pay	243 11 0	73 17 9	99 15 7	18 11 1	3 14 7	439 10 0		
Superannuation	82 10 0	25 1 6	33 15 4	6 5 4½	1 5 5	148 17 7½		
Taxes and Insurances	127 9 10	37 6 8	52 3 9	9 14 1	2 3 5	228 17 9		
Motor Transport	1564 19 0	458 5 0	640 11 10	119 2 6	26 13 10	2809 12 2		
New Vehicles	705 7 2	206 10 10	288 14 7	53 13 11	12 0 8	1266 7 2		
Materials and Repairs	133 19 6	11 16 2	285 16 4	93 14 8	—	525 6 8		
Supplementary Pensions	37 3 0	9 15 7	—	—	—	46 18 7		
Con. Kitchen Waste, etc.	—	—	—	485 17 3	—	485 17 3		
Dustbins	97 5 10	—	—	—	—	97 5 10		
Bulldozer—running, maintenance and wages	—	413 6 2½	—	—	—	413 6 2½		
Fencing alongside tip	—	9 0 8	—	—	—	9 0 8		
Gross Expenditure	5604 7 1	2009 15 4½	2470 2 0	985 16 10½	90 7 7	11160 8 11		
Income	285 15 5	1056 7 8	2923 1 4	950 0 8	4 3	5215 9 4		
Total Net Cost	5318 11 8	953 7 8½	—	35 16 2½	90 3 4	5944 19 7		
Surplus	—	—	452 19 4	—	—	—		

HOUSE AND TRADE REFUSE.
TABLE SHOWING COSTS FOR THE YEAR ENDED 31st MARCH, 1949.

Item. 1	Particulars 2	I. COLLECTION 3		II. DISPOSAL. 4		III. TOTAL 5	
		£	s. d.	£	s. d.	£	s. d.
REVENUE ACCOUNT.							
A	Gross Expenditure	5604	7 1	2009	15 4½	7614	2 5½
B	Gross Income	285	15 5	1056	7 8	1342	3 1
C	Net Cost	5318	11 8	953	7 8½	6271	19 4½
UNIT COSTS.							
D	Gross Expenditure per ton	14	8	5	3	19	11
E	Gross Income per ton		9	2	9	3	6
F	Net cost per ton	13	11	2	6	16	5
G	Net cost per 1000 population	187	5 6	33	11 5	220	16 11
H	Net cost per head		3 9		8		4 5
I	Net cost per 1000 houses or premises from which refuse is collected	595	10 5	106	15 0	702	5 5
J	Net cost per house		11 11		2 1		14 0
RATE POUNDAGE.							
K	Net cost, equivalent rate in the £	7	845d.		1	406d.	9
L	Percentage of K to total rates in the £	4	36%		78%		514%

Note.—Expenditure and income *re* Salvage and Kitchen Waste not included in above. But included is £912 towards cost of new vehicles.

The total quantity of refuse collected for the year ending March 31st, 1949, was 7,649 tons.

Per 1000 population per annum (365 days)	..	..	269 tons
„ 1000 „ „ day	..	..	14.73 cwts.
„ head per annum (365 days)	..	..	5.38 cwts.
„ house per annum (including business premises)	..	..	17.12 cwts.

Estimated Population 28,400.

Area of District, 3,557 acres.

No. of houses and premises, 8,931.

Average No. of houses scavenged per ton, 72.

Method of Disposal: Controlled tipping 100%.

Average haul to point of disposal, 2 $\frac{1}{2}$ miles.

Number of Employees, including Foreman, 23.

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